EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER

04154704

PUBLICATION DATE

27-05-92

APPLICATION DATE

10-08-90

APPLICATION NUMBER

02213931

APPLICANT: SUMITOMO CHEM CO LTD;

INVENTOR:

TAMAOKI MASAHIRO;

INT.CL.

A01N 43/78 //(A01N 43/78 , A01N

43:50)

TITLE

AGRICULTURAL AND

HORTICULTURAL FUNGICIDE

COMPOSITION

O2N(CH3)2

1

I

CH3CH2CH2 N SO2N(CH3)2

ABSTRACT :

PURPOSE: To obtain an agricultural and horticultural fungicide composition showing much more excellent germicidal effects than separative use of the each compound by blending a certain amide derivative with a certain imidazole derivative for using.

CONSTITUTION: An amide derivative (e.g. compound shown by formula II) in formula I (R1 is methyl or ethyl; X is O or S) is blended with an imidazole derivative (e.g. compound shown by formula IV) in formula III (R² is alkyl or phenyl which may be replaced with halogen; Y is halogen) in a weight ratio of about 1:5-5:1 to give an agricultural and horticultural fungicide showing excellent effects especially on phycomycosis. The composition is usable as an active ingredient of fungicide for plowed fields, orchards, etc.

COPYRIGHT: (C)1992, JPO& Japio